

Amendments to the Claims

This listing of claims will replace all prior versions and listings of claims in the application

Listing of Claims

1. (Currently Amended) A system for determining whether a person should have health care professional attention and for providing clinical notes to a caregiver, the system comprising:

a monitoring device having a microprocessor operably coupled to a memory unit, an input device, an output device, and a communication device, the memory unit being programmed with a set of instructions for posing questions to the person via the output device, receiving answers from the person via the input device, and transmitting the answers to a remote computer via the communication device;

a datastore accessible by the remote computer, the datastore having, for each of the questions, a textual phrase associated with at least one answer to the question indicating that the patient is experiencing a symptom, wherein the textual phrase is different from the question and the answer; and

the remote computer being programmed to:

receive the answers from the monitoring device;

determine whether the person should have health care professional attention based at least in part upon the answers;

determine, for each of the questions, whether the answer to the question indicates that the patient is experiencing a symptom satisfies a condition associated with the question; and

when the answer indicates that the patient is experiencing a symptom satisfies the condition, search [[a]] the datastore accessible by the remote computer for textual phrases that match the question and automatically employ grammatical rules on the textual phrases to generate a clinical note containing the textual phrases for review by the health

care professional.

2. (Canceled).

3. (Currently Amended) The system of claim 1, ~~wherein the datastore also stores a symptom identifier associated with each of the questions posed to the person via the monitoring device; and~~

wherein the remote computer is programmed to select a grammatical rule for construction of the clinical note based upon the symptom identifier.

4. (Original) The system of claim 1, wherein the clinical note comprises verbiage presenting symptoms reported by the person via the input device.

5. (Previously Presented) The system of claim 1, wherein:
the monitoring device further comprises a biometric measuring unit operably coupled to the microprocessor;

the memory unit in the monitoring device is further programmed with a set of instructions to cause the biometric measuring unit to take a measurement of the patient, and to transmit the measurement to the remote computer; and

the remote computer is further programmed to generate the clinical note based upon the measurement transmitted to the remote computer.

6. (Original) The system of claim 1, wherein the remote computer is further programmed to present a user interface that permits viewing of the clinical note and also permits viewing of a populace of persons identified as potentially needing attention by a health care professional.

7. (Previously Presented) The system of claim 1, wherein the remote computer communicates the clinical note to a health care professional.

8. (Previously Presented) The system of claim 7, wherein the remote computer communicates the clinical note to the health care professional via e-mail.
9. (Original) The system of claim 1, wherein the remote computer is further programmed to present questions to be posed to the person using the monitoring device, the questions being used to verify the determination that the person should have health care professional attention.
10. (Original) The system of claim 1, wherein the remote computer is further programmed to provide a user interface permitting selection of a disease state for monitoring by the monitoring device.
11. (Withdrawn) A computer system for interfacing with a monitoring device that poses questions regarding disease state symptoms to a person, receives answers from the person, and transmits the answers to the computer system, the computer system comprising:
 - a microprocessor operably coupled to a memory unit, an input device, an output device, and a communication device; and
 - wherein the memory unit is programmed to:
 - receive the answers from answers to questions posed to a person by a monitoring device, the question regarding disease state symptoms;
 - determine whether the person should have health care professional attention based at least in part upon the answers transmitted to the computer system;
 - determine, for each of the questions, whether the answer to the question satisfies a condition associated with the question; and
 - generate a clinical note containing textual phrases matched to ones of the answers that satisfy the conditions.
12. (Withdrawn) The computer system of claim 11, further comprising:
 - a datastore accessible by the computer system;

wherein the datastore stores clinical text associated with the questions posed to the person via the monitoring device; and

wherein the computer system is programmed to generate the clinical note based at least in part upon the clinical text stored in the datastore.

13. (Withdrawn) The computer system of claim 12, wherein the datastore also stores a symptom identifier associated with each of the questions posed to the person via the monitoring device; and

wherein the remote computer is programmed to select a grammatical rule for construction of the clinical note based upon the symptom identifier.

14. (Withdrawn) The computer system of claim 11, wherein the clinical note comprises verbiage presenting symptoms reported by the person via the monitoring device.

15. (Withdrawn) The computer system of claim 11, wherein: the computer system is further programmed to generate the clinical note based upon a biometric measurement transmitted to the computer system from the monitoring device.

16. (Withdrawn) The computer system of claim 11, wherein the computer system is further programmed to present a user interface that permits viewing of the clinical note and also permits viewing of a populace of persons identified as potentially needing attention by a health care professional.

17. (Withdrawn) The computer system of claim 11, wherein the computer system communicates the clinical note to a health care professional.

18. (Withdrawn) The computer system of claim 17, wherein the computer system communicates the clinical note to the health care professional via e-mail.

19. (Withdrawn) The computer system of claim 11, wherein the computer system is further programmed to present questions to be posed to the person using the monitoring device, the questions being used to verify the determination that the person should have health care professional attention.
20. (Withdrawn) The computer system of claim 11, wherein the computer system is further programmed to provide a user interface permitting selection of a disease state for monitoring by the monitoring device.
21. (Withdrawn) A method, carried out by a computer system, of interfacing with a monitoring device that poses questions regarding disease state symptoms to a person, receives answers from the person, and transmits the answers to the computer system, the method comprising:
 - receiving, at a computer system, the answers from answers to questions posed to a person by a monitoring device, the question regarding disease state symptoms;
 - determining, at the computer system, whether the person should have health care professional attention based at least in part upon the answers transmitted to the computer system;
 - determining, by the computing system, for each of the questions, whether the answer to the question satisfies a condition associated with the question; and
 - generating, at the computer system, a clinical note containing textual matched to ones of the answers that satisfy the conditions.
22. (Withdrawn) The method of claim 21, further comprising:
 - storing, in a datastore, clinical text associated with the questions posed to the person via the monitoring device; and
 - generating, by the computer system, the clinical note based at least in part upon the clinical text stored in the datastore.
23. (Withdrawn) The method of claim 22, further comprising:

storing, in the datastore, symptom identifiers associated with each of the questions posed to the person via the monitoring device; and

selecting, by the computer system, a grammatical rule for construction of the clinical note based upon the symptom identifiers.

24. (Withdrawn) The method of claim 21, wherein the clinical note comprises verbiage presenting symptoms reported by the person via the monitoring device.

25. (Withdrawn) The method of claim 21, further comprising:
generating, by the computer system, a clinical note based upon a biometric measurement transmitted to the computer system from the monitoring device.

26. (Withdrawn) The method of claim 21, further comprising:
presenting, by the computer system, a user interface that permits viewing of the clinical note and also permits viewing of a populace of persons identified as potentially needing attention by a health care professional.

27. (Withdrawn) The method of claim 21, further comprising communicating, by the computer system, the clinical note to the health care professional.

28. (Withdrawn) The method of claim 27, wherein the computer system communicates the clinical note to the health care professional via e-mail.

29. (Withdrawn) The method of claim 21, further comprising:
presenting, by the computer system, questions to be posed to the person using the monitoring device, wherein the questions are used to verify the determination that the person should have health care professional attention.

30. (Withdrawn) The method of claim 21, further comprising:
providing, by the computer system, a user interface permitting selection of a

disease state for monitoring by the monitoring device.

31. (Currently Amended) A system for determining whether a person should have health care professional attention, the system comprising:

a monitoring device having a microprocessor operably coupled to a memory unit, an input device, an output device, and a communication device, the memory unit being programmed with a set of instructions for posing questions to the person via the output device, receiving answers from the person via the input device, and transmitting the answers to a remote computer via the communication device;

a datastore accessible by the remote computer, the datastore having, for each of the questions, a textual phrase associated with at least one answer to the question, a diagnosis, and a treatment, and

the remote computer being programmed to:

receive the answers from the monitoring device;

determine whether the person should have health care professional attention based at least in part upon the answers; [[and]]

automatically create, in response to determining that the person should have health care professional attention, an entry in an intervention data field for the person, the entry describing a treatment comprising a preliminary diagnosis and a preliminary intervention to counteract at least one symptom experienced by the person; the preliminary diagnosis and the preliminary intervention determined as a function of the answers;

and

automatically employ grammatical rules to combine the textual phrases into a clinical note for review by the health care professional.

32. (Canceled).

33. (Previously Presented) The system of claim 31, wherein the entry further includes the date upon which the remote computer system created the entry.

34. (Previously Presented) The system of claim 33, wherein the entry further includes an indication of whether or not the treatment has counteracted the symptom.

35. (Original) The system of claim 31, wherein the remote computer is further programmed to present a user interface that permits viewing of a populace of persons identified as potentially needing attention by a health care professional.

36. (Original) The system of claim 31, wherein the remote computer system is further programmed to

present an operator with a set of questions, so that the operator may pose the questions to the person using the monitoring device, in response to the person having been identified as potentially needing attention by a health care professional;

wherein the set of questions are designed to permit a conclusion to be drawn regarding a diagnosis of a symptom reported by the person using the device; and

wherein the set of questions are designed to permit a conclusion to be drawn regarding selection of an intervention appropriate for the diagnosis.

37. (Canceled)

38. (Canceled)

39. (Previously Presented) The system of claim 36, wherein the remote computer chooses the set of questions based upon the answers transmitted to the remote computer by the monitoring device.

40. (Previously Presented) The system of claim 36, wherein:

the monitoring device further comprises a biometric measuring unit operably coupled to the microprocessor;

the memory unit in the monitoring device is further programmed with a set of instructions to cause the biometric measuring unit to take a measurement of the person,

and to transmit the measurement to the remote computer; and

the remote computer is further programmed to choose the set of questions based upon the answers transmitted to the remote computer and the measurement taken by the biometric measurement unit.

41. (Canceled).

42. (Withdrawn) A computer system for interfacing with a monitoring device that poses questions regarding disease state symptoms to a person, receives answers from the person, and transmits the answers to the computer system, the computer system comprising:

a microprocessor operably coupled to a memory unit, an input device, an output device, and a communication device;

wherein the memory unit is programmed with a set of instructions that, when executed by the microprocessor, cause the computer system to:

receive answers to questions posed to a person by a monitoring device, the questions regarding disease state symptoms;

determine whether the person should have health care professional attention based at least in part upon the answers entered into the input device;

automatically create, in response to determining that the person should have health care professional attention, an entry in an intervention data field for the person, the entry describing a treatment to counteract a symptom experienced by the person.

43. (Canceled).

44. (Withdrawn) The computer system of claim 42, wherein the entry further includes the date upon which computer system created the entry.

45. (Withdrawn) The computer system of claim 44, wherein the entry further includes an indication of whether or not the treatment has counteracted the symptom.

46. (Withdrawn) The computer system of claim 42, wherein the computer system is further programmed to present a user interface that permits viewing of a populace of persons identified as potentially needing attention by a health care professional.

47. (Withdrawn) The computer system of claim 42, wherein the computer system is further programmed to

present an operator with a set of questions, so that the operator may pose the questions to the person using the monitoring device, in response to the person having been identified as potentially needing attention by a health care professional;

wherein the set of questions are designed to permit a conclusion to be drawn regarding a diagnosis of a symptom reported by the person using the device; and

wherein the set of questions are designed to permit a conclusion to be drawn regarding selection of an intervention appropriate for the diagnosis.

48. (Withdrawn) The computer system of claim 47, wherein the computer system is further programmed to arrive at a preliminary diagnosis and a preliminary intervention as a function of the person's answers to the questions posed by the operator.

49. (Withdrawn) The computer system of claim 48, wherein the computer system is further programmed to generate a clinical note containing textual phrases based upon the preliminary diagnosis and the preliminary intervention.

50. (Withdrawn) The computer system of claim 47, wherein the computer system is programmed to choose the set of questions based upon the answers transmitted to the computer system by the monitoring device.

51. (Withdrawn) The computer system of claim 47, wherein:
the computer system is further programmed to choose the set of questions based upon the answers transmitted to the computer system and a measurement taken by a biometric measurement unit associated with the monitoring device.

52. (Withdrawn) The computer system of claim 42, wherein intervention data is automatically entered into the computer system, in response to the computer system determining that the person should have health care professional attention.

53. (Withdrawn) A method, carried out by a computer system, of interfacing with a monitoring device that poses questions regarding disease state symptoms to a person, receives answers from the person, and transmits the answers to the computer system, the method comprising:

receiving, by the computer system, answers to questions posed to a person by a monitoring device, the question regarding disease state symptoms

determining, by the computer system, whether the person should have health care professional attention based at least in part upon the answers transmitted to the computer system;

automatically create, by the computer system, in response to determining that the person should have health care professional attention, an entry in an intervention data field for the person, the entry describing a treatment to counteract a symptom experienced by the person.

54. (Canceled).

55. (Withdrawn) The method of claim 54, wherein the entry further includes the date upon which the computer system created the entry.

56. (Withdrawn) The method of claim 55, wherein the entry further includes an indication of whether or not the treatment has counteracted the symptom.

57. (Withdrawn) The method of claim 53, further comprising presenting, by the computer system, a user interface that permits viewing of a populace of persons identified as potentially needing attention by a health care professional.

58. (Withdrawn) The method of claim 53, further comprising:
presenting, by the computer system, an operator with a set of questions, so that
the operator may pose the questions to the person using the monitoring device, in
response to the person having been identified as potentially needing attention by a health
care professional;
wherein the set of questions are designed to permit a conclusion to be drawn
regarding a diagnosis of a symptom reported by the person using the device; and
wherein the set of questions are designed to permit a conclusion to be drawn
regarding selection of an intervention appropriate for the diagnosis.

59. (Withdrawn) The method of claim 58, further comprising arriving, by the
computer system, at a preliminary diagnosis and a preliminary intervention as a function
of the person's answers to the questions posed by the operator.

60. (Withdrawn) The method of claim 59, further comprising generating a clinical
note based upon the preliminary diagnosis and the preliminary intervention.

61. (Withdrawn) The method of claim 58, wherein the computer system chooses the
set of questions based upon the answers transmitted to the computer system by the
monitoring device.

62. (Withdrawn) The method of claim 58, further comprising choosing, by the
computer system, the set of questions based upon the answers transmitted to the computer
system and a measurement taken by a biometric measurement unit associated with the
monitoring device.

63. (Canceled).